

CAS/STN FILE 'STNGUIDE' ENTERED AT 12:12:11 ON 25 SEP 2008

FILE 'PCI' 'PATENTS CITATION SEARCH' ENTERED AT 12:12:47 ON 25 SEP 2008

L92 2 SEA ABB=ON PLU=ON (US5270261 OR US6607970)/PN  
 L93 SEL PLU=ON L92 1- PN : 16 TERMS  
 L94 191 SEA ABB=ON PLU=ON L93/PN.D  
 L95 SEL PLU=ON L94 1- PRN : 207 TERMS

FILE 'STNGUIDE' ENTERED AT 12:13:22 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT 12:13:42 ON 25 SEP 2008

L96 494 SEA ABB=ON PLU=ON L95  
 L97 90 SEA ABB=ON PLU=ON L96 AND THINNED  
 L98 63 SEA ABB=ON PLU=ON L96 AND THINNING  
 L99 4 SEA ABB=ON PLU=ON L96 AND (SI OR SEMICONDUCT##### OR SILICON) (3A) (WAFER OR SUBSTRATE) (6A) (MU OR MUM OR MICRON OR MICROMETER OR MM OR MILLIMETER OR INCH OR CM OR CENTIMETER) (6A) (THINN##### OR THIN OR THICK##### OR RANG###)  
 L100 9883 SEA ABB=ON PLU=ON 152 (3A) (SI OR SEMICONDUCT##### OR SILICON OR WAFER OR SUBSTRATE OR MU OR MUM OR MICRON OR MICROMETER OR MM OR MILLIMETER OR THINN##### OR THIN OR THICK##### OR RANG###)  
 L101 3852 SEA ABB=ON PLU=ON 153 (3A) (SI OR SEMICONDUCT##### OR SILICON OR WAFER OR SUBSTRATE OR MU OR MUM OR MICRON OR MICROMETER OR MM OR MILLIMETER OR THINN##### OR THIN OR THICK##### OR RANG###)  
 L102 2561876 SEA ABB=ON PLU=ON (151 OR 150 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 9) (3A) (SI OR SEMICONDUCT##### OR SILICON OR WAFER OR SUBSTRATE OR MU OR MUM OR MICRON OR MICROMETER OR MM OR MILLIMETER OR THINN##### OR THIN OR THICK##### OR RANG###)  
 L103 133 SEA ABB=ON PLU=ON 150MU#  
 L104 0 SEA ABB=ON PLU=ON 150M UM  
 L105 163 SEA ABB=ON PLU=ON 150UM  
 L106 2 SEA ABB=ON PLU=ON 151UM  
 L107 3 SEA ABB=ON PLU=ON 152UM  
 L108 0 SEA ABB=ON PLU=ON 153UM  
 L109 2 SEA ABB=ON PLU=ON 153MU##  
 L110 1 SEA ABB=ON PLU=ON 152MU#  
 L111 0 SEA ABB=ON PLU=ON 151MU#  
 L112 133 SEA ABB=ON PLU=ON 150MU#  
 L113 43 SEA ABB=ON PLU=ON 150MICRON  
 L114 34 SEA ABB=ON PLU=ON 150MICROMETER  
 L115 0 SEA ABB=ON PLU=ON 151MICROMETER  
 L116 0 SEA ABB=ON PLU=ON 152MICROMETER  
 L117 0 SEA ABB=ON PLU=ON 153MICROMETER  
 L118 0 SEA ABB=ON PLU=ON 153MICRON  
 L119 0 SEA ABB=ON PLU=ON 152MICRON  
 L120 0 SEA ABB=ON PLU=ON 151MICRON  
 L121 43 SEA ABB=ON PLU=ON 150MICRON  
 L122 69468 SEA ABB=ON PLU=ON (150 OR 151 OR 152) (W) (MU OR MUM OR M UM OR MICRON OR MICROMETER)  
 L123 1099253 SEA ABB=ON PLU=ON (9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 50 OR 25 OR 20 OR 75 OR 100) (W) (MU OR MUM OR M UM OR MICRON OR MICROMETER)  
 L124 102 SEA ABB=ON PLU=ON (L97 OR L98 OR L99)  
 L125 52 SEA ABB=ON PLU=ON L124 AND (L100 OR L101 OR L102 OR L103 OR L104 OR L105 OR L106 OR L107 OR L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115 OR L116 OR L117 OR L118 OR

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L119 OR L120 OR L121)
L126 2 SEA ABB=ON PLU=ON L124 AND L122
L127 19 SEA ABB=ON PLU=ON L124 AND L123
L128 57 SEA ABB=ON PLU=ON (L125 OR L126 OR L127)
L129 53 SEA ABB=ON PLU=ON L128 AND 1990-2002/PY,PRY
L130 36 SEA ABB=ON PLU=ON L128 AND 1980-1999/PY,PRY
L131 53 SEA ABB=ON PLU=ON L129 OR L130
L132 53 SEA ABB=ON PLU=ON L131 OR (L128 NOT 2003-2008/PRY)
L133 53 SEA ABB=ON PLU=ON L132 AND ((L97 OR L98 OR L99) OR (L103 OR
L104 OR L105 OR L106 OR L107 OR L108 OR L109 OR L110 OR L111
OR L112 OR L113 OR L114 OR L115 OR L116 OR L117 OR L118 OR
L119 OR L120 OR L121))
L134 49 SEA ABB=ON PLU=ON L97 AND L133
L135 41 SEA ABB=ON PLU=ON L98 AND L133
L136 53 SEA ABB=ON PLU=ON (L133 OR L134 OR L135)
L137 0 SEA ABB=ON PLU=ON L96 AND (L103 OR L104 OR L105 OR L106 OR
L107 OR L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114
OR L115 OR L116 OR L117 OR L118 OR L119 OR L120 OR L121)
L138 10 SEA ABB=ON PLU=ON L96 AND 152
L139 11 SEA ABB=ON PLU=ON L96 AND 152###
L140 5 SEA ABB=ON PLU=ON L96 AND 153###
L141 6 SEA ABB=ON PLU=ON L96 AND 151###
L142 1 SEA ABB=ON PLU=ON L96 AND 149###
L143 20 SEA ABB=ON PLU=ON L96 AND 150###
L144 0 SEA ABB=ON PLU=ON L96 AND 150MIC####
L145 0 SEA ABB=ON PLU=ON L96 AND 150MIC#####
L146 0 SEA ABB=ON PLU=ON L96 AND 151MIC#####
L147 0 SEA ABB=ON PLU=ON L96 AND 152MIC#####
L148 0 SEA ABB=ON PLU=ON L96 AND 153MIC#####
L149 7 SEA ABB=ON PLU=ON (L97 OR L98) AND THINN####(5A) THICKNESS
L150 92 SEA ABB=ON PLU=ON (L97 OR L98) AND THINN####(5A) (SILICON OR
SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L151 4 SEA ABB=ON PLU=ON (L103 OR L104 OR L105 OR L106 OR L107 OR
L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THINN####(
5A) (SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L152 19 SEA ABB=ON PLU=ON (L103 OR L104 OR L105 OR L106 OR L107 OR
L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THIN(5A) (S
ILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L153 25 SEA ABB=ON PLU=ON (L103 OR L104 OR L105 OR L106 OR L107 OR
L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THICKNESS(
5A) (SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L154 1 SEA ABB=ON PLU=ON (L103 OR L104 OR L105 OR L106 OR L107 OR
L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THICKER(5A
) (SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L155 1 SEA ABB=ON PLU=ON (L103 OR L104 OR L105 OR L106 OR L107 OR
L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THICKEST(5
A) (SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L156 52 SEA ABB=ON PLU=ON L97 AND L98
L157 141 SEA ABB=ON PLU=ON L99 OR (L136 OR L137 OR L138 OR L139 OR
L140 OR L141 OR L142 OR L143 OR L144 OR L145 OR L146 OR L147
OR L148 OR L149 OR L150 OR L151 OR L152 OR L153 OR L154 OR
L155 OR L156)
L158 118 SEA ABB=ON PLU=ON L157 AND H01L?/IC,IPC,ECLA
L159 63 SEA ABB=ON PLU=ON L157 AND (257? OR 438?)/NCL
L160 7 SEA ABB=ON PLU=ON L159 AND (150 OR 151 OR 152)

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D BIB AB KWIC 1-7

FILE 'STNGUIDE' ENTERED AT 12:37:13 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT  
12:40:31 ON 25 SEP 2008L161 25 SEA ABB=ON PLU=ON (L159 NOT L160) AND 1995-2002/PY  
D BIB AB KWIC 1-25

FILE 'STNGUIDE' ENTERED AT 12:41:13 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT  
12:46:00 ON 25 SEP 2008L162 29 SEA ABB=ON PLU=ON (L159 NOT (L160 OR L161)) AND (THIN OR  
THINN##### OR THICK##### OR MU OR MUM OR M UM OR MICRON OR  
MICROMETER) (2A) (SUBSTRATE OR DIE OR SI OR SEMICONDUCT#### OR  
CHIP OR MICROCHIP OR DICE OR WAFER OR SILICON)FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT  
12:47:22 ON 25 SEP 2008L163 0 SEA ABB=ON PLU=ON (L159 NOT (L160 OR L161 OR L162)) AND  
CRITICAL##(2A) (THIN OR THINN##### OR THICK##### OR MU OR MUM  
OR M UM OR MICRON OR MICROMETER OR SUBSTRATE OR DIE OR SI OR  
SEMICONDUCT#### OR CHIP OR MICROCHIP OR DICE OR WAFER OR  
SILICON)  
D L162 1-29 BIB AB KWIC 1-29

FILE 'STNGUIDE' ENTERED AT 12:49:00 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT  
12:52:02 ON 25 SEP 2008L164 2 SEA ABB=ON PLU=ON (L159 NOT (L160 OR L161 OR L162))  
D 1-2 BIB AB KWIC  
L165 1202 SEA ABB=ON PLU=ON CRITICAL##(4A) (THICKNESS OR THIN OR THICK  
OR THINNER OR THICKER OR THICKEST OR THINNESS OR THINNED OR  
THINNING) (4A) (DIE OR DIMENSION### OR CHIP OR MICROCHIP OR  
WAFER OR SUBSTRATE OR SILICON)  
L166 179 SEA ABB=ON PLU=ON CRITICAL##(4A) (THICKNESS OR THIN OR THICK  
OR THINNER OR THICKER OR THICKEST OR THINNESS OR THINNED OR  
THINNING) (4A) SEMICONDUCT####  
L167 189 SEA ABB=ON PLU=ON CRITICAL##(4A) (THICKNESS OR THIN OR THICK  
OR THINNER OR THICKER OR THICKEST OR THINNESS OR THINNED OR  
THINNING) (4A) SI  
L168 80 SEA ABB=ON PLU=ON (L165 OR L166 OR L167) AND CRITICAL##(8A) (M  
U OR MUM OR UM OR MICRON OR MICROMETER)  
L169 80 SEA ABB=ON PLU=ON L168 NOT L159  
L170 29 SEA ABB=ON PLU=ON L169 AND 1995-2001/PY  
D BIB AB KWIC 1-29

FILE 'STNGUIDE' ENTERED AT 12:59:06 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT  
13:01:56 ON 25 SEP 2008L171 244 SEA ABB=ON PLU=ON CRITICAL SUBSTRATE THICKNESS OR CRITICAL##(  
3A) SUBSTRATE (3A) THICKNESS  
L172 0 SEA ABB=ON PLU=ON L96 AND L171  
L173 127 SEA ABB=ON PLU=ON L102 AND L171  
L174 4 SEA ABB=ON PLU=ON L100 AND L171  
L175 0 SEA ABB=ON PLU=ON L101 AND L171  
L176 127 SEA ABB=ON PLU=ON L173 OR L174

L177  
L178  
L179  
L180

63 SEA ABB=ON PLU=ON L176 AND 1995-2001/PY  
61 SEA ABB=ON PLU=ON L177 NOT (L159 OR L170)  
25 SEA ABB=ON PLU=ON L177 AND THINN#####  
19 SEA ABB=ON PLU=ON L177 AND THICKER  
D L179 BIB AB KWIC 1-25  
D L180 BIB AB KWIC 1-19

Search History						
Grid Refs...	Cont...	Print Port: Teroma - Sheet 10				
Ref #	His	Search Query	Doc	D...	Pl...	Time Stamp
L1	5	"142,524"	EPO; JPO; DERWENT; IBM_TDS	OR	OFF	2008/09/25 14:25
L2	1	"20040231793"	EPO; JPO; DERWENT; IBM_TDS	OR	OFF	2008/09/25 14:31
L3	1	"20050212126"	EPO; JPO; DERWENT; IBM_TDS	OR	OFF	2008/09/25 14:35
L5	7359	thickness adj2 semiconductor4 adj (die or dice or chip or microchip or substrate or wafer)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDS	OR	ON	2008/09/25 14:35
L6	32	thickness adj2 thinned adj1 semiconductor4 adj (die or dice or chip or microchip or substrate or wafer)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDS	OR	ON	2008/09/25 14:37

USPTO  
EAST  
Search

WWW.SCIRUS.COM Search History, 9-25-2008

"semiconductor substrate critical thickness"	2 hits
"semiconducting substrate critical thickness"	0 hits
"critical thickness of the semiconductor"	13 hits
"critical thickness of the semiconducting"	2 hits
"thickness of the thinned semiconducting"	0 hits
"thickness of the thinned semiconductor"	26 hits
"thickness of the semiconductor die is"	5 hits
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"thickness of the semiconducting dies is"	
OR ("thickness of the semiconductor dies is")	0 hits
"thickness of the semiconductor chip is"	
OR ("thickness of the semiconductor microchip is")	
Date limited to 1975-2001	30 hits
"thickness of the semiconducting chips is"	
OR ("thickness of the semiconducting microchip is")	
Date limited to 1975-2001	0 hits